

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: S. AKERMAN et al.
Serial Number: Not yet assigned
Filed: 26 November 1999 as PCT/IL99/00639 and herewith as U.S. National
Stage
For: A Method for Forming a Perspective Rendering from Voxel Space
Art Unit: Not yet assigned

Honorable Commissioner of Patents and Trademarks
Washington DC 20231

PRELIMINARY AMENDMENT

Sir:

Further to the concurrent filing of a U.S. national stage application of PCT Application No. PCT/IL99/00639, kindly amend the application as follows:

IN THE SPECIFICATION

Kindly add the following section on page 1, immediately after the title

--RELATED APPLICATION

This application is a U.S. national filing of PCT Application No. PCT/IL99/00639, filed November 26, 1999, the disclosure of which is incorporated herein by reference.--

IN THE CLAIMS

Kindly replace the present claims 6, 8, 12-14, 18-19, 22-24, 27-29, 32-33, 35-42, 45-49 with the following claims in clean form:

6. (Amended) A method according to claim 1, comprising calculating said boundary visualization value during said ray casting.

8. (Amended) A method according to claim 1, comprising:

providing an index array indicating for at least some of said voxels if a class-boundary does not pass near the voxel.

12. (Amended) A method according to claim 1, wherein said associated boundary visualization value comprises a surface lighting calculation of said boundary.